
42-SUP-RCG

State In t - Cambridge - Sup. Report

Colony for Epileptics

Cambridge

The legislature in 1919 authorized the State Board of Control to select from the public lands of the state sites for a colony for feeble-minded and a colony for epileptics. In 1923 the law was amended to permit the purchase of a site for a colony for epileptics. Land was secured at Cambridge and the institution opened in 1925.

The buildings comprises an administrative center group, consisting of the front main center building for administrative offices and quarters for officers and employes; a rear center building, including dining rooms for patients and employes; kitchen, bakery, vegetable room, laundry, and quarters for employes; and ward buildings at either side of the front main center, for sleeping quarters, day rooms, etc., for inmates; also our hospital wards, physicians' offices and laboratories, pharmacy, X-ray rooms, operating room, and dental office and laboratory; ten cottages for patients; central power plant; warehouse and auditorium; garage; root cellar; hog house; a cottage for the farmer; and the dairy barn and milkhouse.

Royal C. Gray, M. D.	Acting Superintendent
R. J. Gully, M. D.	Asst. Superintendent
Archabald L. Arends, M. D.	Physician
G. D. Eitel, M. D.	Consulting Surgeon
C. N. Spratt, M. D.	Consulting Oculist & Aurist
Newell H. Arnegard, D. D. S. (Military Leave)	Dentist
R. F. Gregory	Steward
Emma Krefting	Principal

Capacity of institution	1,108
Number of patients June 30, 1942	1,102
Area of grounds, acres	359
Acreage under cultivation	147
Value of lands and buildings	\$1,640,598.00
Value of personal property	241,798.00
Expenditures for year ended June 30, 1942:	
Current expense	241,414.02
Repairs and replacements	3,699.00
Permanent improvements	3,428.21
Per capita cost, current expense	228.39
Number of officers and employees June 30, 1942	147

To the Director, Division of Public Institutions:

The biennial report of the Colony for Epileptics covering the period ended June 30, 1942, is submitted herewith.

POPULATION

During the biennial period there were 146 admissions, thirty re-admissions, and five transfers. The average daily population in the institution for the first year of the biennium was 1,063 and for the second year was 1,057. In addition, the average daily population absent on vacation and escape during the first year was thirty-four and during the second year was forty-four. Thus the average daily roster for the year ended June 30, 1941, was 1,097 and for that ended June 30, 1942, was 1,101.

At the close of the biennium on June 30, 1942, there were 1,002 patients in the institution, ninety-three absent on vacation and seven on escape, making a total population of 1,102.

MEDICAL AND DENTAL SERVICES

All incoming patients receive a physical and neurological examination. The former routinely includes blood Kline exclusion, Widal reaction and bacillus paratyphosis B agglutination, and nose and throat culture examinations performed by the Minnesota Department of Health. Smallpox vaccinations are made of all non-vaccinated patients. Anti-luetic therapy is given all those affected.

Mantoux tests are applied and chest X-rays made. Since the Colony has no tuberculosis pavilion, tuberculous patients are isolated pending their transfer to a state hospital so equipped or their discharge to a sanatorium. Thirteen such transfers and discharges were made during the second year of the biennial.

During July, 1941, a tuberculosis survey of all patients within the institution was conducted by the Medical Unit of the Division of Social Welfare. Thirty-five millimeter chest microfilms were taken. Those read as abnormal shadows, suspicious findings, or unsatisfactory have been retaken on 14x17 plates. The conclusions from this study are not yet available but it appears to substantiate one's clinical impression that intra-institutional facilities for the care of the tuberculous should be expanded.

Each new employee is given a physical examination including the above noted laboratory tests by the Minnesota Department of Health, Mantoux test, and chest X-ray.

No epidemic disease has affected the patients during the past two years, only individual instances of measles and parotitis appeared.

A dental examination is a part of the initial medical study of each patient. Re-examinations are made yearly. A full-time dentist is employed. The dental work performed during the biennium was as follows: appointment 3929, patients examined 1101, extractions 941, prophylaxis 608, alloy fillings 604, cement fillings 375, porcelain fillings 23, gold fillings 2, bridges 1, new dentures 22, dentures repaired 30, X-rays 273, fractures 6.

Dr. George D. Eitel, consulting surgeon, performed the following operations during the biennium: appendectomy 1, dilatation and curettage 1, excision lipoma 2, excision nasal polyp 1, hemorrhoidectomy 2, herniotomy 6, perineorrhaphy 1, uterine suspension 1, thyroidectomy 3, tonsillectomy 7. Good results were obtained in all cases.

Dr. Charles N. Spratt, consulting oculist and aurist, made 137 refractions and performed one mastoidectomy.

Sixty-three patients died during the biennium of the following causes: pneumonia 20, heart disease 15, status epilepticus 7, pulmonary tuberculosis 5, carcinoma 4, cerebral hemorrhage 2, enteritis 1, lung abscess 1, pelvic abscess 1, hepatic cirrhosis 1, erysipelas 1, peritonitis 1, strangulation 1, paralytic ileus 1, gastric hemorrhage 1, subdural hemorrhage 1.

EDUCATIONAL

Thirty school classes in music, industrial, and literary subjects were in session daily during the school year of nine and one-half months. Five hundred eleven patients were enrolled in these classes. In the ten literary classes the enrollment was 146, in the twelve industrial classes 246, and in the eight music classes 119 pupils. Three hundred sixty-four girls and 147 boys attended school.

The patients in the literary classes were of elementary school age and studied a modified program of reading, spelling, language and penmanship. School music, arithmetic, and the social studies were also a part of the elementary curriculum. A Spencer delineascope was purchased in the last school year and it is planned to stress visual education. Pupils enrolled in the music classes were those interested in music and who could profit by such instruction. In the industrial classes patients learned such hand and tool work as had previously been found to their liking and ability. An exhibit and sale of articles made in the industrial classes has been held yearly at the Minnesota State Fair.

LIBRARY

The library, which has a collection of 1,600 books, is open daily to all patients. The books have been carefully selected and classified to meet the reading needs of both adults and children. Reading is one source of instruction and enjoyment to an average of 125 patients who weekly draw books and magazines from the library.

RECREATION AND AMUSEMENT

Patients find entertainment in weekly dances held in the auditorium, in musical programs by the school pupils, and in social hour entertainments of songs and games conducted by the school teachers in the various cottages. Moving pictures are shown every Saturday. In the summer picnics, hikes, and outdoor games are arranged and throughout the year birthday and other

parties are held. Radio programs may be heard daily in all the cottages. Legal holidays are all observed with appropriate programs.

RELIGIOUS SERVICES

Presence at religious worship is voluntary with the individual patients about ninety per cent of whom attend. Non-denominational services are conducted each Sunday by the Protestant chaplain, Reverend Harold Peterson. Father Leo Revering, the Catholic chaplain, likewise conducts services regularly.

BUILDINGS AND IMPROVEMENTS

No building construction was done during this biennium. Plans were made to reconstruct the present milk house and install therein the new milk pasteurizer received in November, 1941, but as yet the necessary electrical supplies are not available.

Seventeen hundred fifty feet of cement curbing was placed leading to the warehouse and power plant and also about cottage No. 9. Sidewalks were laid in the front and back of that cottage. Considerable filling and overlaying with black dirt was done around the cottage after the street and yard grades were established.

Repair of the ceilings in the basement of cottage No. 2 was necessary. Maintenance in general, including painting, was carried on as needed throughout the institution.

A waste paper baler was purchased in November, 1941, and the salvage has amounted to approximately \$15 per month.

Coal docks were arranged for storage in piles totaling about 900 tons of coal as a buffer against probable transportation difficulties this coming winter.

The poles carrying the electric high line to the institution power plant which traversed the center of the garden plot were moved to the north boundary of the Colony property. The telephone wires which were on the lower cross arms of the high line poles were replaced by an underground cable.

FARM AND GARDEN

Acreage is limited and not particularly productive. It would seem wise to devote it all to forage growing except for the forty acres of garden. The dairy herd, all pure blooded and registered Holsteins, is gradually increasing in number and quality and we are faced with the necessity for more barn space. Since our thirty-two cows are able to produce only one-half the amount of milk we consume, and we must therefore purchase the other one-half, it appears proper that we raise the eighteen heifers we now have and likewise good calves to a point of producing all the milk the institution needs. The present barn has space for thirty-two cows and to house the heifers we have resorted to makeshift stall space in one end of the machine

shed and in the unused chicken house and also put up a thatched shelter in the barn yard. The present barn should be duplicated.

This year we are raising about 100 hogs which we intend to butcher and consume. This should create a helpful reflection in our usual current expense outlay for pork.

We raise some 300 turkeys each year from poults purchased from the Rochester State Hospital.

PERSONNEL

Dr. D. E. McBroom, superintendent of the Colony since 1928, on September 1, 1941, became director of the Mental Health Unit in the Division of Public Institutions and Dr. Royal C. Gray, psychiatrist for the state penal and correctional institutions since 1938, was appointed acting superintendent.

Dr. J. Y. Feinstein, senior physician since October 1, 1938, resigned on November 15, 1940, to enter private practice.

Dr. Hubert L. Anderson, physician from October 16, 1940, resigned on April 1, 1941, to become a Navy medical officer.

Dr. Frank Simmonds served as junior intern from May 1, 1941, to June 30, 1941.

Dr. John B. Stoll, dentist from January 10, 1939, to November 5, 1941, resigned to become a Navy dental officer.

Dr. Newell H. Arnegard succeeded Dr. Stoll on November 16, 1941, and Dr. Arnegard, who held a Reserve Officer's commission in the army, took a military leave of absence when he was called to active duty on June 1, 1942.

Dr. Archabald L. Arends was engaged as physician on September 1, 1941.

Since about September, 1941, there has been an increasing tempo in resignations among the attendant group prompted mostly by the greater wages currently paid in various industries. Approximately one-half of our employees are new since that time. Male attendants are particularly difficult to secure and the average age of those available is in the 50 to 55 year range. Our male attendant complement runs fifteen per cent below operating needs.

Sixty-five per cent of our employees subscribed to the voluntary pay roll deduction plan for the purchase of War Bonds, their total subscriptions being five and one-tenth per cent of the entire pay roll.

The personnel contributed well to the Red Cross War Fund solicited in January, 1942. Eighty-five per cent paid to the Fund a total of \$218.50, which sum represented two-thirds of a day's wage for the entire pay roll.

Our air raid defense system has been integrated with that of the village of Cambridge and our own air raid wardens have all taken the prescribed Red Cross training course. We have planned for total black out by interrupting all electric current except to the stokers and water pumps. Shielded lanterns and flash lights are to be used where necessary.

Three employers are on military leave of absence, namely Dr. Newell H. Arnegard and Messrs. Earl H. Hawkinson and Wilford L. Holin.

NEEDS OF THE INSTITUTION

Current expense requests for the next biennial period have already been submitted and amounted to \$276,830 for the first year and \$287,380 for the second year, totaling \$56,210.

Under Repair and Replacements, we request for general repairs \$20,000, replacement of furniture and equipment \$1,500, painting the warehouse and auditorium \$2,500, a new floor for the bridge \$800. In conjunction with this your attention is directed to the fact that repairs and replacements must be kept up.

Under Permanent Improvements we request an addition to the Power House \$24,000, an addition to the root cellar \$5,000, an additional garage \$2,500, lumber and rough storage shed \$1,000, caulking and weather-stripping \$3,500, road-building and surfacing \$8,000, permanent improvement of grounds \$4,000, ground lighting \$3,000, additional laundry equipment \$4,000, farm equipment, livestock and supplies \$2,000, sewage disposal plant \$45,000, additional hospital facilities \$25,000, greenhouse \$2,000, superintendent's residence \$12,000, additional dairy barn \$18,000, sharp refrigeration unit \$2,800, refrigerating unit for kitchen ice boxes \$1,900, and additional generator \$30,000.

CONCLUSION

I appreciate the work of the institution personnel and acknowledge the advice of Dr. McBroom and the counsel of the Director and his staff.

Respectfully submitted,

ROYAL C. GRAY, M. D.,

Acting Superintendent

Braille and Sight Saving School

(Formerly known as the School for the Blind)

Faribault

This School was created in 1864 by the legislature as a department of the Minnesota Institute for the Deaf, Dumb and Blind, and the first class organized in 1866. A separate building for the blind was authorized in 1874. In 1887 the legislature provided that the School should be maintained as a department of the Minnesota Institute for Defectives. Later the School was granted an independent status, and the name changed in 1902 to the Minnesota School for the Blind. In 1940, the name was changed to the Minnesota Braille and Sight Saving School.

Eleven months of instruction are provided during the year; nine, for boys and girls six to twenty-one years of age, and two, for the adult blind. The regular school year runs from September through May; summer school, during June and July. There is no charge for tuition, board, room, laundry, and ordinary medical care.

Eligibility requires state residence, blindness or vision too defective to make progress in public schools possible, and capacity to profit by instruction.

The School is located on a beautiful campus overlooking the Straight River and the City of Faribault. Buildings comprise Dow Hall, which includes the administrative offices, academic class rooms, kitchen, dining rooms and dormitories for girls; two cottages for boys; an industrial building (completed in 1942); a hospital; a laundry; boiler room and shops; and the superintendent's cottage.

J. C. Lysen.....	Superintendent
B. L. Berhow.....	Principal of School
J. H. Gammell, M. D.....	Ophthalmologist
A. W. Nuetzman, M. D.	Physician
F. W. Butterwick.....	Steward

Capacity of institution	120
Number of adults, summer school, July, 1941	60
Number of pupils, May 27, 1942	114
Area of grounds, acres	50
Acreage under cultivation	Farm Leased
Value of lands and buildings	\$300,625.00
Value of personal property	114,662.00
Expenditures for year ended June 30, 1942:	
Current expense	72,928.97
Repairs and replacements	2,636.92
Permanent improvements	34,925.95
Summer school	3,479.50
Higher educational aid	1,800.00
Gross per capita cost, current expense	601.64
Number of officers and employes (full time)	58

Hospital for Inebriates

Classification	Year Ended June 30, 1942			Year Ended June 30, 1941		
	Male	Female	Total	Male	Female	Total
POPULATION						
In institution at beginning of year	41	5	46	54	8	62
Admitted:						
First admissions	139	14	153	142	16	158
Readmissions	37	3	40	32	—	32
Returned from parole and escape	29	2	31	29	3	32
Total under care	246	24	270	257	27	284
Discharged	13	—	13	16	4	20
Paroled	97	14	111	123	16	139
Escaped	88	5	93	76	2	78
Died	1	—	1	1	—	1
In institution at end of year	47	5	52	41	5	46
Total	246	24	270	257	27	284
Average population	53	9	62	50	7	57
MARITAL CONDITION						
Single	37	4	41	30	3	33
Married	112	11	123	118	8	126
Widowed	9	2	11	15	3	18
Separated	1	—	1	—	1	1
Divorced	17	—	17	11	1	12
Total admissions	176	17	193	174	16	190
AGE GROUP						
15 to 19 years	—	—	—	—	—	2
20 to 24 years	—	—	—	2	—	8
25 to 29 years	9	1	10	7	1	3
30 to 34 years	15	1	16	20	3	23
35 to 39 years	20	4	24	33	3	36
40 to 44 years	35	1	36	27	4	31
45 to 49 years	27	6	33	37	2	39
50 to 54 years	34	—	34	23	1	24
55 to 59 years	26	2	28	16	1	17
60 to 64 years	5	1	6	8	—	8
65 to 69 years	3	1	4	1	1	2
70 to 74 years	2	—	2	—	—	—
75 to 79 years	—	—	—	—	—	—
Total admissions	176	17	193	174	16	190
NATIVITY						
United States	156	14	170	163	11	174
Canada (includes Newfoundland)	—	—	—	1	—	1
Denmark	1	—	1	1	—	1
Finland	4	1	5	2	2	4
Germany	4	—	4	—	—	—
Holland	1	—	1	—	—	—
Ireland	1	—	1	—	—	—
Norway	3	1	4	2	—	2
Poland	—	—	—	—	1	1
Scotland	—	1	1	—	—	—
Sweden	6	—	6	5	2	7
Total admissions	176	17	193	174	16	190
PARENTAGE						
Native parentage	61	3	64	61	3	64
Mixed parentage	35	4	39	40	3	43
Foreign parentage	76	6	82	67	7	74
Parentage unknown	4	4	8	6	3	9
Total admissions	176	17	193	174	16	190

Institutions for Feeble-minded and Epileptics

Classification	Year Ended June 30, 1942			Year Ended June 30, 1941		
	Male	Female	Total	Male	Female	Total
POPULATION						
Classification at beginning of year (including paroles and escapes)						
Mentally defective but not epileptic	1,329	1,322	2,651	1,327	1,329	2,656
Epileptic but not mentally defective	44	45	89	42	39	81
Both mentally defective and epileptic	437	418	855	450	425	875
Neither mentally defective nor epileptic	6	7	13	6	5	11
Total	1,816	1,792	3,608	1,825	1,798	3,623
On books at beginning of year:						
in institution	1,690	1,691	3,381	1,717	1,708	3,425
Paroles and escapes	126	101	227	108	90	198
Admitted:						
First admissions	149	211	360	137	156	293
Readmissions	27	30	57	20	23	43
Received by transfer	—	2	2	—	—	—
Total under care	1,992	2,035	4,027	1,982	1,977	3,959
Discharged:						
Mental defectives—						
Under age of self-support (18 years)	12	7	19	17	6	23
Capable of self-support	58	80	138	40	100	140
Capable of partial self-support	9	16	25	10	17	27
Incapable of productive work	1	2	3	1	2	3
Epileptics—						
As improved	5	3	8	5	6	11
As unimproved	18	15	33	21	9	30
Neither mentally defective nor epileptic	8	10	18	18	11	29
Transferred to other institutions	16	13	29	11	10	21
Died:						
In institutions	41	59	100	40	23	63
Paroles and escapes	2	—	2	3	1	4
On books at end of year:						
In institutions	1,672	1,734	3,406	1,690	1,691	3,381
Paroles and escapes	150	96	246	126	101	227
Total	1,992	2,035	4,027	1,982	1,977	3,959
Average population:						
In institutions	1,750	1,758	3,508	1,756	1,755	3,511
Paroles and escapes	63	45	108	49	40	89
Classification at end of year (including paroles and escapes)						
Mentally defective but not epileptic	1,333	1,334	2,667	1,329	1,322	2,651
Epileptic but not mentally defective	49	47	96	44	45	89
Both mentally defective and epileptic	435	444	879	437	418	855
Neither mentally defective nor epileptic	5	5	10	6	7	13
Total	1,822	1,830	3,652	1,816	1,792	3,608
MENTAL DIAGNOSIS OF FIRST ADMISSIONS:						
Mental defectives:						
Idiot	35	58	93	10	7	17
Imbecile	19	26	45	18	22	40
Moron	42	78	120	57	88	145
Unclassified	2	—	2	—	—	—
Epileptics:						
Idiopathic	4	6	10	2	3	5
Symptomatic	4	1	5	1	1	2
Both mentally defective and epileptic						
Idiopathic idiot	1	—	1	4	1	5
Idiopathic imbecile	7	4	11	2	6	8
Idiopathic moron	8	9	17	12	7	19
Symptomatic imbecile	1	1	2	—	—	—

Institutions for Feeble-minded and Epileptics—Continued

Classification	Year Ended June 30, 1942			Year Ended June 30, 1941		
	Male	Female	Total	Male	Female	Total
Symptomatic moron	—	2	2	1	—	1
Symptomatic idiot	—	—	—	1	—	1
Unclassified	19	15	34	10	8	18
Neither mentally defective nor epileptic	7	11	18	19	13	32
Total first admissions	149	211	360	137	156	293

MENTAL DIAGNOSIS OF
READMISSIONS

Mental defectives:						
Idiot	2	—	2	2	1	3
Imbecile	2	6	8	2	4	6
Moron	12	18	30	10	11	21
Epileptics:						
Idiopathic	8	1	4	1	2	3
Symptomatic	—	—	—	—	—	—
Both mentally defective and epileptic:						
Idiopathic imbecile	2	2	4	—	2	2
Idiopathic moron	6	3	9	3	3	6
Symptomatic imbecile	—	—	—	1	—	1
Symptomatic moron	—	—	—	1	—	1
Unclassified	—	—	—	—	—	—
Total readmissions	27	30	57	20	23	43

AGE OF FIRST ADMISSIONS

Under 5 years	25	25	50	27	15	42
5 to 9 years	17	34	51	14	5	19
10 to 14 years	38	28	66	28	18	46
15 to 19 years	25	39	64	19	27	46
20 to 24 years	13	29	42	16	35	51
25 to 29 years	10	17	27	9	18	27
30 to 34 years	10	17	27	10	16	26
35 to 39 years	3	10	13	4	11	15
40 to 44 years	5	7	12	3	3	6
45 to 49 years	1	1	2	1	6	7
50 to 54 years	2	1	3	3	—	3
55 to 59 years	—	2	2	—	2	2
60 years and over	—	—	—	3	—	3
Age unknown	—	1	1	—	—	—
Total first admissions	149	211	360	137	156	293

MARITAL CONDITION OF FIRST
ADMISSIONS

Single	142	179	321	119	105	224
Married	6	26	32	18	43	61
Widowed	1	1	2	—	3	3
Divorced	—	4	4	—	5	5
Unascertained	—	1	1	—	—	—
Total first admissions	149	211	360	137	156	293

NATIVITY OF FIRST ADMISSIONS

United States	147	205	352	133	152	285
Austria	1	—	1	—	—	—
Canada (includes Newfoundland)	—	—	—	—	2	2
Denmark	—	1	1	—	—	—
England	—	—	—	1	—	1
Germany	—	—	—	—	1	1
Russia	1	1	2	—	—	—
Mexico	—	—	—	1	—	1
Italy	—	—	—	1	—	1
Norway	—	—	1	—	—	—
Poland	—	1	1	—	—	—
Scotland	—	1	1	—	—	—
Sweden	—	—	—	—	1	1
Unascertained	—	2	2	—	—	—
Total first admissions	149	211	360	137	156	293

Institutions for Feeble-minded and Epileptics—Concluded

Classification	Year Ended June 30, 1942			Year Ended June 30, 1941		
	Male	Female	Total	Male	Female	Total
PARENTAGE OF FIRST ADMISSIONS						
Native parentage	100	128	228	82	90	172
Mixed parentage	26	23	49	21	18	39
Foreign parentage	13	25	38	17	22	39
Parentage unknown	10	35	45	17	26	43
Total first admissions	149	211	360	137	156	293

DEATHS

Mental defectives:						
Idiot	14	23	37	10	4	14
Imbecile	9	6	15	12	8	20
Moron	3	5	8	5	1	6
Unknown	—	1	1	1	—	1
Epileptics:						
Idiopathic	—	—	—	—	—	—
Both mentally defective and epileptic:						
Idiopathic idiot	6	10	16	3	3	6
Idiopathic imbecile	2	—	2	5	2	7
Idiopathic moron	4	10	14	—	5	5
Symptomatic moron	—	—	—	1	—	1
Unclassified	3	1	4	2	—	2
Neither mentally defective nor epileptic	—	3	3	1	—	1
Total	41	59	100	40	23	63

AGE AT DEATH

Under 5 years	4	11	15	3	—	3
5 to 9 years	4	7	11	2	—	2
10 to 14 years	1	4	5	5	1	6
15 to 19 years	4	3	7	—	1	1
20 to 24 years	9	5	14	8	4	12
25 to 29 years	1	5	6	2	—	2
30 to 34 years	2	1	3	1	1	2
35 to 39 years	1	4	5	—	1	1
40 to 44 years	1	2	3	2	2	4
45 to 49 years	3	7	10	3	2	5
50 to 54 years	2	3	5	3	4	7
55 to 59 years	3	2	5	3	3	6
60 years and over	6	4	10	8	4	12
Unknown	—	1	1	—	—	—
Total	41	59	100	40	23	63

CAUSE OF DEATH

Nephritis and Bright's disease	—	—	—	2	—	2
Tuberculosis of the lungs	2	2	4	2	3	5
Other forms of tuberculosis	—	1	1	—	—	—
Cancer and other malignant tumors	1	4	5	2	3	5
Diabetes	1	—	1	—	—	—
Dysentery	—	1	1	—	—	—
Cerebral hemorrhage and softening	2	1	3	1	—	1
Forms of mental alienation	1	—	1	3	—	3
Epilepsy	2	4	6	2	1	3
Other diseases of the nervous system	2	6	8	—	—	—
Organic diseases of the heart	9	11	20	6	8	14
Diseases of the arteries	—	—	—	3	1	4
Pneumonia	13	12	25	13	4	17
Diarrhea and enteritis	2	3	5	1	—	1
Forms of violence	—	1	1	—	—	—
Senility	1	—	1	—	—	—
All other causes	5	13	18	5	3	8
Total	41	59	100	40	23	63